

10/531,341

1-2. (CANCELED)

3. (CURRENTLY AMENDED) An electro-pneumatic switching unit for a vehicle transmission (6) comprising:

a splitter group transmission (12) pneumatically switched via a first set of valves (36, 38);

a range-change group transmission (14) pneumatically switched via a second set of valves (44, 46), and switching of which can be manually preselected by a vehicle driver via a gear lever (16);

a mechanical locking device (54, 56) for mechanically preventing the manual switching of inadmissible reduction ratios of a vehicle transmission (6);

a prevention device (30, 42, 64) for preventing pneumatic switching of the inadmissible reduction ratios of the vehicle transmission (6); and

[[one]] an electronic control device (20),

wherein the mechanical locking device (54, 56) ~~is a mechanical device~~ which prevents the vehicle transmission from performing the manual switching of inadmissible reduction ratios of the vehicle transmission (6), ~~and the locking device (54, 56) is pneumatically connected with~~ actuated by a first valve (44) of the second set of valves (44, 46) for switching the range-change group transmission (14) according to a gear ratio range of the second set of valves (44, 46).

4. (CURRENTLY AMENDED) The electro-pneumatic switching unit according to claim 3, wherein the mechanical locking device (54, 56) is pneumatically connected with the first valve (44) of the second set of valves (44, 46) for switching the position ~~slow~~ of the range-change group transmission (14).

5. (PREVIOUSLY PRESENTED) An electro-pneumatic switching unit for a vehicle transmission (6) that includes:

a splitter group transmission (12) pneumatically switched via a first set of valves (36, 38); and

a range-change group transmission (14) that is pneumatically switched between a first range and a second range via a second set of valves (44, 46);

wherein switching of the second set of valves (44, 46) can be manually preselected by a vehicle driver via a gear lever (16), and the switching unit comprising:

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